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theme Index to Hydrobiologia
Volumes 1-75 (1948-1980)

Compiled by
H. M. Verhey

With the assistance of
F. Dua and P. Laureys

*State University of Ghent,
Institute for Zoology
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Instructions to authors

Hydrobiologia publishes original articles in the fields of fundamental limnology and marine biology.

The scope of the journal is wide and includes ecology, physiology, biogeography, methodology and taxonomy. Applied (technological) papers must be of general, not solely technical interest. Very long papers and review papers will be printed on invitation only. Proceedings of specialized symposia can also be accepted for publication, if the scientific standard set by the journal is met.

Editorial policy. All papers submitted will be considered for publication. They will be evaluated by the editors and referees on the basis of their contents in data and ideas, which will need to be of more than regional significance. For example, local faunal lists, or chemical 'inventories' of waters not supplemented by interpretations of a more general nature are not acceptable.

Papers are submitted with the understanding that they are unpublished, and not printed, submitted or accepted for publication elsewhere.

Manuscripts should be concisely written and grammatically correct. The use of English as an international scientific language is strongly recommended. Papers in French or German should have an English abstract and summary. Authors and reviewers are urged to comply with the suggestions of the 'Council of Biology Editors Style Manual' (4th edition, 1978, Council of Biology Editors, Inc., available from the American Institute of Biological Sciences, 1401 Wilson Boulevard, Arlington, VA 22209, U.S.A.). Up to 6 keywords should be added, suitable for incorporation into information-retrieval systems. Manuscripts must be submitted in typewritten form, double spaced throughout, typed on only one side of the paper, with wide margins. Three identical copies of the text and illustrations must be presented. A good quality white paper should be used. Airmail paper is not acceptable. The first page should include the title of the contribution, name(s) of the author(s), address(es), and keywords. The second page should contain the abstract. The manuscript proper, divided into sections, should begin on page three, and be followed by a summary and – eventually – the financial or other acknowledgements. Only the Latin binomials of plants and animals should be typed in italic, or underlined once.

In both the text and the references to the literature, the name-and-year system must be used.

The reference list is to be arranged alphabetically. Journal abbreviations are to be strictly in accordance with the 'World List of Scientific Periodicals', 4th Edition (Butterworths, London). Prospective authors should consult a recent issue of the Journal before compiling their list of references.

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Tables should be numbered consecutively in arabic numbers, and bear a descriptive legend on top.

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Figures should be numbered in pencil in arabic numbers either on top or on the back. The author's name and the top of the figure should be indicated. Good quality pagesize photographs of original figures on glossy paper may be submitted for reproduction instead of the original drawings. For line drawings (e.g. descriptions of new species), originals are preferred. Captions to figures must be typed on a separate sheet of paper, and not on the figures themselves.

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Scope

This index to *Hydrobiologia* is intended as a working instrument for those needing information about any topic published in the first 75 volumes.

When comparing it with the former (Volumes 1-25; 1966) – which has long been out of date, and is not easily available – one will be confronted with the much more detailed character of the present version. This is due to the broadened scope the journal adopted during the past 15 years, to an increase of extent, but also to a need for more accessibility, and hence more detail, in the subjects indexed.

Of course, some compromise had to be reached. If every reference to every living form, and every technical term used to describe its functions, biology and interactions with its environment, were to be a major entry, the index would become too voluminous and unpractical. In its present form, the specialist-user oriented part deals with more than 1450 topics, covering the water sciences in their chemical, physical, applied biological, behavioural, biochemical, biogeographical, biophysical, developmental, ecological, functional, genetical, morphological and taxonomical aspects.

While finishing this index, I lost a colleague and close friend, Dr. Philippe Defonseca, to whom I would like to dedicate this volume of *Hydrobiologia* posthumously.

Ghent
12 February 1982

Hans M. Verhey

Using the index

The index contains three parts. It begins with a master list of references, containing all articles published until 1980, arranged in alphabetical order after the first author. All articles are numbered, so that each of them can be identified by a numeral between 1 and 2111. These identification numbers are used in the next two parts to refer to their respective papers. The references have been arranged in a consistent pattern, consisting of: author's name(s), date, title, volume number, first and last page of the article.

All individual authors are listed alphabetically in the Author Index, followed by the identification number of their paper(s). The 'letter-by-letter' method of alphabetization has been used. In the case of compound family names, the following rules were applied:

1) The particle, definite article, or preposition only precedes the family name if capitalized.

The French particles or particle phrases *de*, *de la*, *d'*, *du* are transposed in:

A. F. de Bont	Bont, A. F., de
A. du Plooy	Plooy, A., du
A. A. de la Cruz	Cruz, A. A., de la
V. A. d'Aquino	Aquino, V. A., d'

but not in:

D. De Nay	De Nay, D.
H. DeGaris	DeGaris, H.

The Dutch particles *van*, *van de*, *van der* are transposed in:

M. van Ewijk-Rosier	Ewijk-Rosier, M., van
A. van der Werff	Werff, A., van der

but not in:

H. Van der Piepen	Van der Piepen, H.
I. Van de Velde	Van de Velde, I.
P. Van Lancker	Van Lancker, P.

The Irish preposition *O'* is never transposed:

F. I. O'Brien	O'Brien, F. I.
---------------	----------------

In compound names such as MacFarlane, Mackay, McAndrew, the position of the prefixes is never changed.

2) Compound names such as Berdugo-White and Moller Pillot are included as such.

3) In some non-European cultures, family names are not always used. This particularly applies to some Arabic and Indian names. When a prefix or its variant (Abdel, Abel, Abu, Al, El, etc.) precedes a name and is capitalized, it is not transposed:

A. G. Abdel Karim	Abdel Karim, A. G.
S. A. Abdel-Malek	Abdel-Malek, S. A.
W. E. Y. Abdelmalik	Abdelmalik, W. E. Y.
K. Abel Raheem	Abel Raheem, K.
Y. B. Abu-Gideiri	Abu-Gideiri, Y. B.
M. J. Al-Hassan	Al-Hassan, M. J.
N. El-Din Ahmed	El-Din Ahmed, N.
H. El-Gindy	El-Gindy, H.

However, the same author may sometimes use different spellings of his name in different papers himself. In those cases, both versions of his name are used in the Author Index:

Abel Raheem, K. and Raheem, K. A.
Abhinender Naidu, K. and Naidu, K. A.
Balakrishnan Nair, N. and Nair, N. B.
Nandan Prasad, B. and Prasad, B. N.

The major part, however, is the 'Subject Index', which is built up around some 1450 keywords, each of which is subdivided into subordinate entries. These keywords and subentries are arranged in alphabetical order, using the method of alphabetizing often referred to as the 'Encyclopaedia Method'. It involves the assumption that a space between two words is a mythical letter of the alphabet preceding the A. Thus, New Zealand will precede Newfoundland since the space after the w in New Zealand precedes the f in Newfoundland.

The conventional method, i.e. strict alphabetiza-

tion, results in main entries finding themselves jammed, out of context, between two subsidiary entries. Therefore, the use of the inverted entry is necessary to bring similar topics together. Thus, America North and America South should quite obviously be successive entries, and not separated as widely as would be the case were they alphabetized as North America and South America. The device of having a main entry America with subordinate entries for North and South would result in confusion as to what is a main, and what is a subordinate entry.

Finally, the following remarks may be useful:

1) Cross references are indicated by the terms 'see' and 'see also'. They have only been inserted where germane to the subject of the user's interest. They avoid repetition of long series of reference numbers.

2) New genera and new species are italicized and always appear as keywords, followed by 'nov. gen.' or 'nov. sp.'. Beside referring to the first description (morphology and taxonomy), these entries also cover biogeography, ecology, ethology, physiology, etc. of the taxon. In some cases – where considered relevant – more specific characteristics are indicated by subentries of higher order.

3) When searching for any particular coast (shore), desert (oasis), estuary, lake, man-made water body (artificial lake, canal, dam, reservoir), mountain, plateau, pond (pool), river (basin, creek, delta area, river system), spring (hot spring, thermal spring), swamp (bog, wetland), one should start looking under the different continents: Africa,

America, Antarctica, Asia, Europe and Oceania.

4) The subordinate entries 'ecology, hydrology, list of species, morphology, taxonomy' have the following meanings:

ecology: general ecological data such as ecological distribution, effects of environmental factors, habitat, niche, etc.

hydrology: physical conditions of an aquatic system; it also includes water chemistry if, in some way, connected with hydrology.

list of species: ranges from a simple enumeration of species (when the entry is subordinate to a generic name) to a survey of genera and species augmented with ecological and morphological data (when subordinated to a higher taxonomical level). Thus, genera and species are listed in the index only when either described as new, or when some particular aspect of their biology in the widest sense is being discussed.

morphology: anatomical and/or morphological data such as description, biometry, etc.

taxonomy: implies not only a general discussion about the taxonomical position of a taxon, but possibly also nomenclature, synonymy, homonymies, and erection of new taxa such as nov. comb., nov. f., nov. var., etc.

5) Terms such as 'epiphytism, epizoism, parasitism, predation', subordinated to a taxonomical name or group, mean respectively 'epiphytism by, epizoism by, etc.'. The entries 'parasites, predators, etc.' refer to 'parasitism, predation, etc.' on the taxon.

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